

**Technical Research and Development Institute
Japan Defense Agency**

Report No.	Issue Date	Title	Research Center	Remarks
6716	May/2000	Outline of Exhaust Gas Cooling System of Engine Altitude Test Facility	The 3rd & Sapporo	
6717	May/2000	Life Cycle of Energetic Materials(Part 2) Comparison Between Heat of Explosion for Aged Propellants and the Actual Firing Test Data for Aged Prollants	The 1st	
6718				Missing
6719	June/2000	A Study on the Reduction of Initial Stability Caused by Flooding	Naval System	
6720	June/2000	Ignitability Evaluation of Gun Propellant Binders	The 1st	
6721	June/2000	Study on the Simulation for Semi Automated Forces (1)	The 2nd	
6722	July/2000	Test of Trisonic Wind-Tunnel (Part 2)	The 3rd & Sapporo	
6723	July/2000	Study on Portable Power Supply Equipment Using the Flexible Solar Cell Sheet	The 2nd	
6724	July/2000	Fatigue Crack Propagation Behaviour of P/M Ni-base Superalloy Disk (Disk Bore Crack)	The 3rd	
6725	July/2000	Measurements of Radioactive Dusts in High Altitude Air	The 1st	
6726	July/2000	The Research on Elastic Wheel Mechanism	The 4th	
6727	July/2000	The Diamond-ZnS Composite Infrared Window	The 2nd	
6728	August/2000	A Study on a Tilt-Ducted-Fan Aircraft	The 3rd	
6729	August/2000	Numerical Prediction of Maximum Lift Coefficient C _{lmax} on Two-Dimensional Turbulence Model	The 3rd	
6730	August/2000	Performance and Heat Balance Analysis of Single Cylinder Diesel Engine Using Functionally Gradient Material for Fighting Vehicle	The 4th	
6731	August/2000	Performance and Heat Balance of Single Cylinder Diesel Engine with Monolithic Combustion Chamber	The 4th	
6732	August/2000	The Basic Study of Soil's Electromagnetic Character (1 st Report; MASA Soil's Conductivity)	The 4th	
6733	Sep/2000	Multi-Range Resolution Radar with Effective Use of Sideband Spectrum Energy	The 2nd	
6734	Sep/2000	A Study of the Ablation by the Impingement of the Supersonic Rocket motor Blast (The Effect of the Burning Time and the Rocket Motor Scale)	The 3rd	

Report No.	Issue Date	Title	Research Center	Remarks
6735	Sep/2000	Study on the Damage due to Contact Detonations (Part 2) Effect of Detonation points on the Damage of Reinforced Concrete Slabs)	The 4th	
6736	Sep/2000	Fracture Mechanism of Ceramics Matrix Composite Rotating Disk	The 3rd	
6737	Sep/2000	Fatigue Crack Propagation Behaviour of P/M Ni-Base Superalloy Disk (Bolt Hole Crack)	The 3rd	
6738	Sep/2000	Cold Spin Test of Ceramics Matrix Composite Disks	The 3rd	
Received on June/2001				
6739	Sep/2000	Performance of Uncooled Reverse-Flow Combustor with Ceramic Matrix Composite Liner	The 3rd	
6740	Sep/2000	The Velocity of a Fluid Measurement of The Sand Dust Test	The 3rd	
6741	Sep/2000	A Study on Aerodynamic Technology of Low Noise/High Performance Rotor System	The 3rd	
6742	Sep/2000	Hydrodynamic Characteristics of the Scale Model of the Flow Noise Simulator	The 1st	
6743	Sep/2000	A Study of Hybrid Combustion System (IM Characteristics)	The 3rd	
6744	Sep/2000	A Study of Unmanned Ground Vehicle with High-Mobility Technology (Sensor Control and Signal Processing)	The 4th & 1st	
6745				Missing
6746	Oct/2000	A Method of Settlement Prediction for Military Bridges	The 4th	
6747	Oct/2000	Engineering Manufacturing Development of Trisonic Wind-Tunnel (Part 3)	The 3rd & Sapporo	
6748	Oct/2000	Engineering Manufacturing Development of Trisonic Wind-Tunnel (Air Storage Vessel)	The 3rd & Sapporo	
6749	Nov/2000	The Improvement of Matching Accuracy Using Laid	The 2nd	
6750	Nov/2000	Measurement of the Hydrodynamic Thrust Force of Flapping Wings	The 1st	
6751	Nov/2000	Wave Contour Computations of a Box Barge Using the Thin Ship Theory	Technology Development	
6752	Nov/2000	Historical Changes of Japanese Warship' Design	Technology Development	
6753	Nov/2000	Path Planning for Robot Manipulator (1st Report)	The 4th	
Received on July /2001				
6754	Dec/2000	An Experimental Study on the Burning Rate Characteristics of HNIW Propellants	The 3rd	
6755	Dec/2000	Fast Calculation Method of the Radiation Characteristics for the Sonar Transducer Array by using Harmonic Wavelet Transform	The 5th	
6756	Dec/2000	A Time Marching Panel Method for the Unsteady Flow around Three Dimensional Wings	The 1st	

[illegible]